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PNSWSH

Service Change Notice 21-21 Updated  
National Weather Service Headquarters Silver Spring MD  
200 PM EDT Thu Mar 18 2021

To:           Subscribers:  
              -NOAA Weather Wire Service  
              -Emergency Managers Weather Information Network  
              -NOAAPort  
              Other NWS Partners, Users and Employees

From:       Mike Farrar, Director  
              National Centers for Environmental Prediction

Subject: Updated: Notification of Dissemination Changes of  
Models Downstream of the GFS Due to the GFSv16 Upgrade:  
Effective March 22, 2021

Updated to reflect delay in implementation date to Monday, March  
22 due to Critical Weather Day.

Effective on or about March 22, 2021, beginning with the 1200  
Coordinated Universal Time (UTC) cycle of the Global Forecast  
System (GFS), models that use GFS products for initialization  
will experience delays associated with the upgrade to GFS V16.

Due to timing changes with the GFSv16 upgrade, which are laid  
out in its own Service Change Notice (SCN), the following  
downstream models will have timing changes across all  
dissemination channels, including the Advanced Weather  
Interactive Processing System (AWIPS), Satellite Broadcast  
Network (SBN)/NOAAPort, and National Centers for Environmental  
Prediction (NCEP) and NWS web services (NOAA Operational Model  
Archive and Distribution System (NOMADS), NOMADS GDS, NOMADS  
grib filter, FTPPRD and TGFTP).

- Ensemble Tracker: up to 16 minutes later:

[https://nomads.ncep.noaa.gov/pub/data/nccf/com/ens\\_tracker/prod/](https://nomads.ncep.noaa.gov/pub/data/nccf/com/ens_tracker/prod/)  
[ftp://ftp.ncep.noaa.gov/pub/data/nccf/com/ens\\_tracker/prod/](ftp://ftp.ncep.noaa.gov/pub/data/nccf/com/ens_tracker/prod/)

Extra-Tropical Storm Surge (ETSS): up to 10 minutes later:

<https://nomads.ncep.noaa.gov/pub/data/nccf/com/etss/prod/>  
<ftp://ftp.ncep.noaa.gov/pub/data/nccf/com/etss/prod/>

<https://tgftp.nws.noaa.gov/SL.us008001/ST.expr/DF.gr2/DC.ndgd/GT.etss/>

- Probabilistic Extra-Tropical Storm Surge (P-ETSS) model: up to 8 minutes later:

<https://nomads.ncep.noaa.gov/pub/data/nccf/com/petss/prod/>  
<ftp://ftp.ncep.noaa.gov/pub/data/nccf/com/petss/prod/>  
<https://tgftp.nws.noaa.gov/SL.us008001/ST.expr/DF.gr2/DC.ndgd/GT.petss/>

- Global Ensemble Forecast System (GEFS): up to 8 minutes later:

<https://nomads.ncep.noaa.gov/pub/data/nccf/com/gens/prod/>  
<ftp://ftp.ncep.noaa.gov/pub/data/nccf/com/gens/prod/>

- Global Forecast System-Model Output Statistics (GFS MOS): up to 15 minutes later:

<https://tgftp.nws.noaa.gov/SL.us008001/DF.gr1/DC.mos/>  
<ftp://tgftp.nws.noaa.gov/SL.us008001/DF.gr1/DC.mos/>

- Hurricanes in a Multi-scale Ocean-coupled Non-hydrostatic model (HMON): up to 8 minutes later.

- Hurricane Weather Research and Forecasting model (HWRF): up to 10 minutes later:

<https://nomads.ncep.noaa.gov/pub/data/nccf/com/hur/prod/>  
<ftp://ftp.ncep.noaa.gov/pub/data/nccf/com/hur/prod/>

- Hybrid Single-Particle Lagrangian Integrated Trajectory model (HYSPLIT): up to 21 minutes later:

<https://nomads.ncep.noaa.gov/pub/data/nccf/com/hysplit/prod/>  
<ftp://ftp.ncep.noaa.gov/pub/data/nccf/com/hysplit/prod/>

- North American Ensemble Forecast System (NAEFS): up to 8 minutes later:

<https://nomads.ncep.noaa.gov/pub/data/nccf/com/naefs/prod/>  
<ftp://ftp.ncep.noaa.gov/pub/data/nccf/com/naefs/prod/>

- National Blend of Models (NBM): GFS MOS input for the 0600 UTC and 1800 UTC NBM runs will now contain 12 hour older GMOS runs; they will update the next hour with 0700 UTC and 1900 UTC NBM. Available on the SBN/NOAAPort and NOMADS/ftpprd:

<https://nomads.ncep.noaa.gov/pub/data/nccf/com/blend/prod/>  
<ftp://ftp.ncep.noaa.gov/pub/data/nccf/com/blend/prod/>

- National Water Model (NWM): up to 11 minutes later:

<https://nomads.ncep.noaa.gov/pub/data/nccf/com/nwm/prod/>  
<ftp://ftp.ncep.noaa.gov/pub/data/nccf/com/nwm/prod/>

- Global Real-Time Ocean Forecast System (Global RTOFS): Some datasets are 15 minutes later; some up to 55 minutes earlier:

<https://nomads.ncep.noaa.gov/pub/data/nccf/com/rtofs/prod/>  
<ftp://ftp.ncep.noaa.gov/pub/data/nccf/com/rtofs/prod/>

- Short Range Ensemble Forecast (SREF): up to 8 minutes later:

<https://nomads.ncep.noaa.gov/pub/data/nccf/com/sref/prod/>  
<ftp://ftp.ncep.noaa.gov/pub/data/nccf/com/sref/prod/>

- Imagery on the Model Analysis and Guidance (MAG) website: up to 12 minutes later:

<https://mag.ncep.noaa.gov/>

- Some international products on the Climate Prediction Center (CPC) website: up to 20 minutes later:

<https://www.cpc.ncep.noaa.gov/products/international/>

Any questions, comments, or requests regarding this implementation should be directed to the contact below. We will review any feedback and decide whether to proceed.

For questions on this change, contact:

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National Service Change Notices are online at:

<https://www.weather.gov/notification/>

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